

FIG. 1

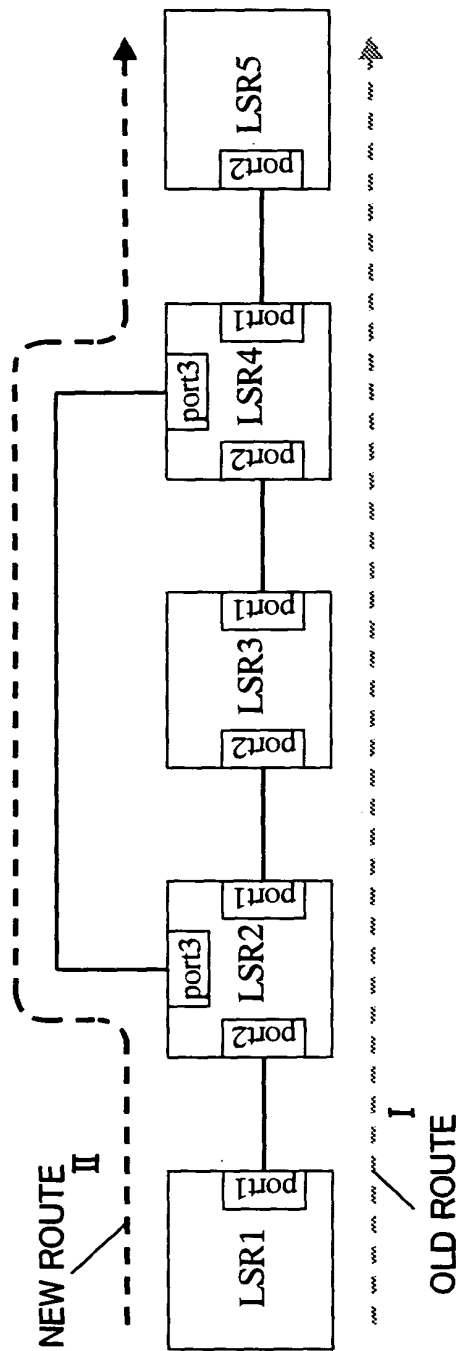


FIG. 2A

LSR1 MANAGEMENT
TABLE

INPUT INFORMATION	LSPID	OUTPUT PORT	OUTPUT LABEL
INFORMATION OF LSR1 TO LSR5	1	1	L21
:	:	:	:
:	:	:	:

FIG. 2B

LSR2 MANAGEMENT
TABLE

INPUT PORT LABEL	RESERVE	LSPID	OUTPUT PORT	OUTPUT LABEL
1	L21	O	1	L31
:	:	:	:	:
:	:	:	:	:

FIG. 2C

LSR3 MANAGEMENT
TABLE

INPUT PORT LABEL	RESERVE	LSPID	OUTPUT PORT	OUTPUT LABEL
2	L31	O	1	L41
:	:	:	:	:
:	:	:	:	:

LSR4 MANAGEMENT
TABLE

INPUT PORT LABEL	RESERVE	LSPID	OUTPUT PORT	OUTPUT LABEL
2	L41	O	1	L51
:	:	:	:	:
:	:	:	:	:

LSR5 MANAGEMENT
TABLE

INPUT PORT LABEL	RESERVE	LSPID	NOTE
2	L51	O	1
:	:	:	TO UPPER LAYER AFTER DELETING LABEL
:	:	:	:

FIG. 2D

FIG. 2E

FIG. 3A

LSR1 MANAGEMENT TABLE

INPUT INFORMATION	LSPID	OUTPUT PORT	OUTPUT LABEL
INFORMATION OF LSR1 TO LSR5	1	1	L21
	1	1	-
:	:	:	:
:	:	:	:

FIG. 3B

LSR2 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSPID	OUTPUT PORT	OUTPUT LABEL
2	L21	O	1	L31
2	L22	O	1	3
:	:	:	:	:
:	:	:	:	:

FIG. 3C

LSR3 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSPID	OUTPUT PORT	OUTPUT LABEL
2	L31	O	1	L41
:	:	:	:	:
:	:	:	:	:

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LSR4 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSPID	OUTPUT PORT	OUTPUT LABEL
2	L41	O	1	L51
3	L42	O	1	-
:	:	:	:	:
:	:	:	:	:

LSR5 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSPID	NOTE
2	L51	O	1
2	L52	O	1
:	:	:	:
:	:	:	:

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FIG. 3D

FIG. 3E

FIG. 4A

LSR1 MANAGEMENT TABLE

INPUT INFORMATION	LSPID	OUTPUT PORT	OUTPUT LABEL
	1	1	L21
INFORMATION OF LSR1 TO LSR5	1	1	L22
⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮

FIG. 4B

LSR2 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSPID	OUTPUT PORT	OUTPUT LABEL
2	L21	O	1	L31
2	L22	O	1	L42
⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮

FIG. 4C

LSR3 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSPID	OUTPUT PORT	OUTPUT LABEL
2	L31	O	1	L41
⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮

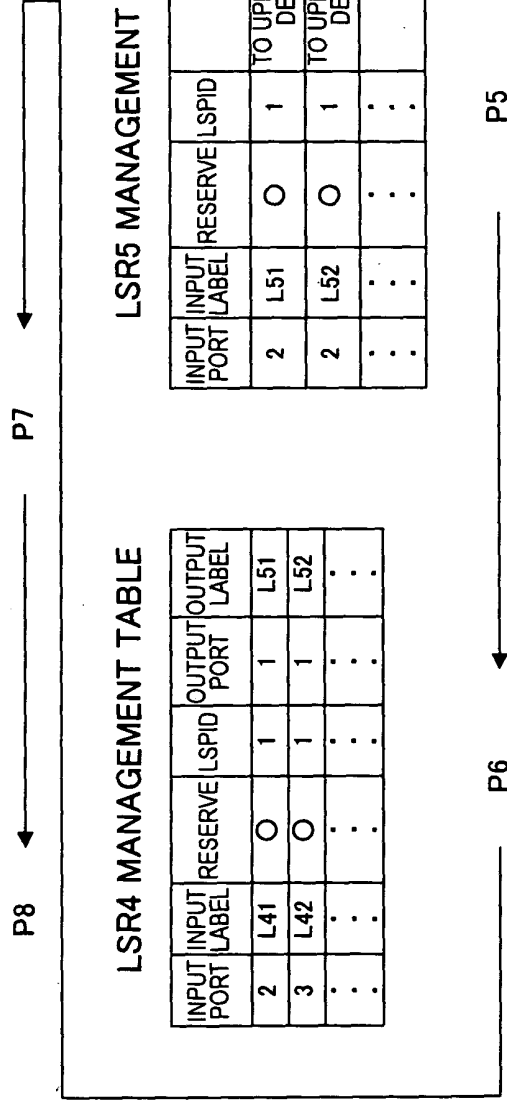


FIG. 4D

FIG. 4E

FIG. 5A

LSR1 MANAGEMENT TABLE

INPUT INFORMATION	LSPID	OUTPUT PORT	OUTPUT LABEL
	-	-	-
INFORMATION OF LSR1 TO LSR5	1	1	L22
:	:	:	:
:	:	:	:

FIG. 5B

LSR2 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSPID	OUTPUT PORT	OUTPUT LABEL
2 L21	x	-	-	-
2 L22	O	1	3	L42
:	:	:	:	:
:	:	:	:	:

FIG. 5C

LSR3 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSPID	OUTPUT PORT	OUTPUT LABEL
2 L31	x	-	-	-
:	:	:	:	:
:	:	:	:	:

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LSR4 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSPID	OUTPUT PORT	OUTPUT LABEL
2 L41	x	-	-	-
3 L42	O	1	1	L52
:	:	:	:	:
:	:	:	:	:

LSR5 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSPID	NOTE
2 L51	x	-	-
2 L52	O	1	TO UPPER LAYER AFTER DELETING LABEL
:	:	:	:
:	:	:	:

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FIG. 5D

FIG. 5E

FIG. 6A

LSR1 MANAGEMENT TABLE

INPUT INFORMATION	LSPID	OUTPUT PORT	OUTPUT LABEL
INFORMATION OF LSR1 TO LSR5	1	1	L21
	1	1	-
	:	:	:
	:	:	:

FIG. 6B

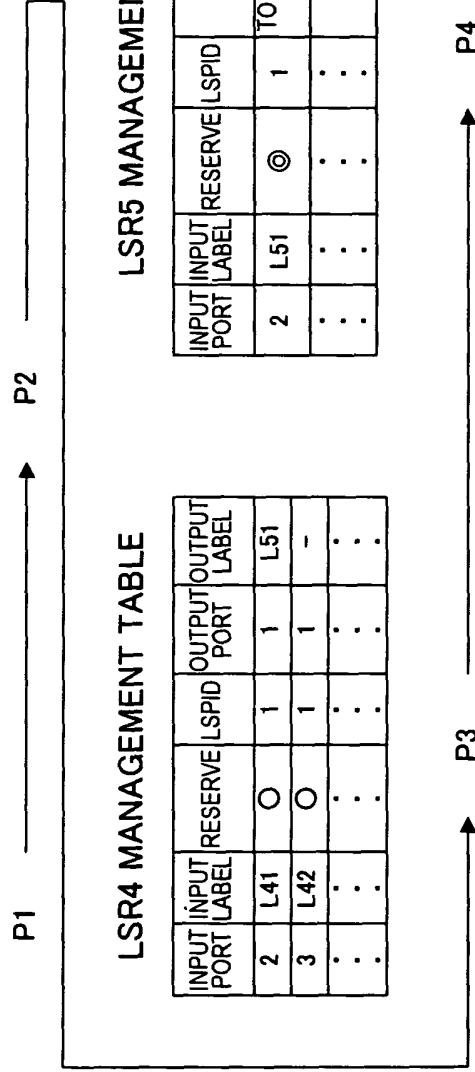
LSR2 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSPID	OUTPUT PORT	OUTPUT LABEL
2	L21	⊙	1	L31
		1	3	-
	:	:	:	:
	:	:	:	:

FIG. 6C

LSR3 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSPID	OUTPUT PORT	OUTPUT LABEL
2	L31	○	1	L41
	:	:	:	:
	:	:	:	:



LSR4 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSPID	OUTPUT PORT	OUTPUT LABEL
2	L41	○	1	L51
3	L42	○	1	-
	:	:	:	:
	:	:	:	:

LSR5 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSPID	NOTE
2	L51	⊙	1
	:	:	TO UPPER LAYER AFTER DELETING LABEL
	:	:	:
	:	:	:

FIG. 6D

FIG. 6E

FIG. 7A

LSR1 MANAGEMENT TABLE

INPUT INFORMATION	LSPID	OUTPUT PORT	OUTPUT LABEL
	1	1	L21
INFORMATION OF LSR1 TO LSR5	1	1	L21
.	.	.	.
.	.	.	.

FIG. 7B

LSR2 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSPID	OUTPUT PORT	OUTPUT LABEL
2 L21	⊙	1	1	L31
.	.	.	3	L42
.
.

FIG. 7C

LSR3 MANAGEMENT TABLE

INPUT PORT	INPUT LABEL	RESERVE	LSPID	OUTPUT PORT	OUTPUT LABEL
2	L31	○	1	1	L41
.
.



LSR4 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSPID	OUTPUT PORT	OUTPUT LABEL
2 L41	○	1	1	L51
3 L42	○	1	1	L51
.
.

LSR5 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSPID	NOTE
2 L51	⊙	1	TO UPPER LAYER AFTER DELETING LABEL
.	.	.	.
.	.	.	.

FIG. 7D

FIG. 7E

FIG. 8A

LSR1 MANAGEMENT TABLE

INPUT INFORMATION	LSPID	OUTPUT PORT	OUTPUT LABEL
	-	-	-
INFORMATION OF LSR1 TO LSR5	1	1	L21
:	:	:	:
:	:	:	:

FIG. 8B

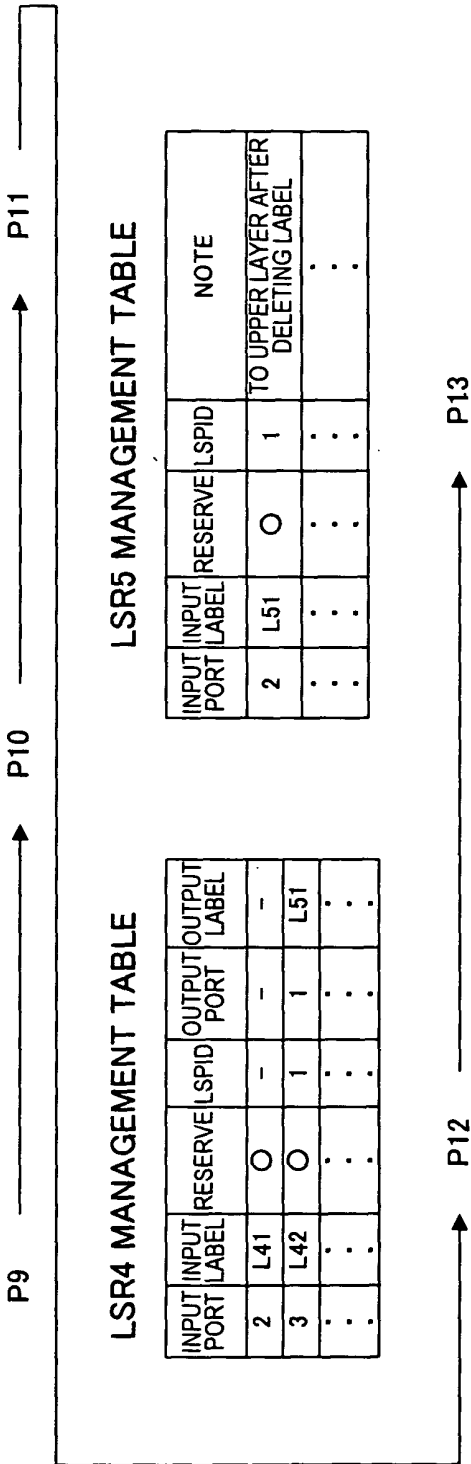
LSR2 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSPID	OUTPUT PORT	OUTPUT LABEL
2	L21	O	1	3
:	:	:	:	L42
:	:	:	:	:
:	:	:	:	:

FIG. 8C

LSR3 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSPID	OUTPUT PORT	OUTPUT LABEL
2	L31	x	-	-
:	:	:	:	:
:	:	:	:	:
:	:	:	:	:



LSR4 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSPID	OUTPUT PORT	OUTPUT LABEL
2	L41	O	-	-
3	L42	O	1	L51
:	:	:	:	:
:	:	:	:	:

LSR5 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSPID	NOTE
2	L51	O	1
:	:	:	TO UPPER LAYER AFTER DELETING LABEL
:	:	:	:
:	:	:	:

FIG. 8D

FIG. 8E

FIG. 9

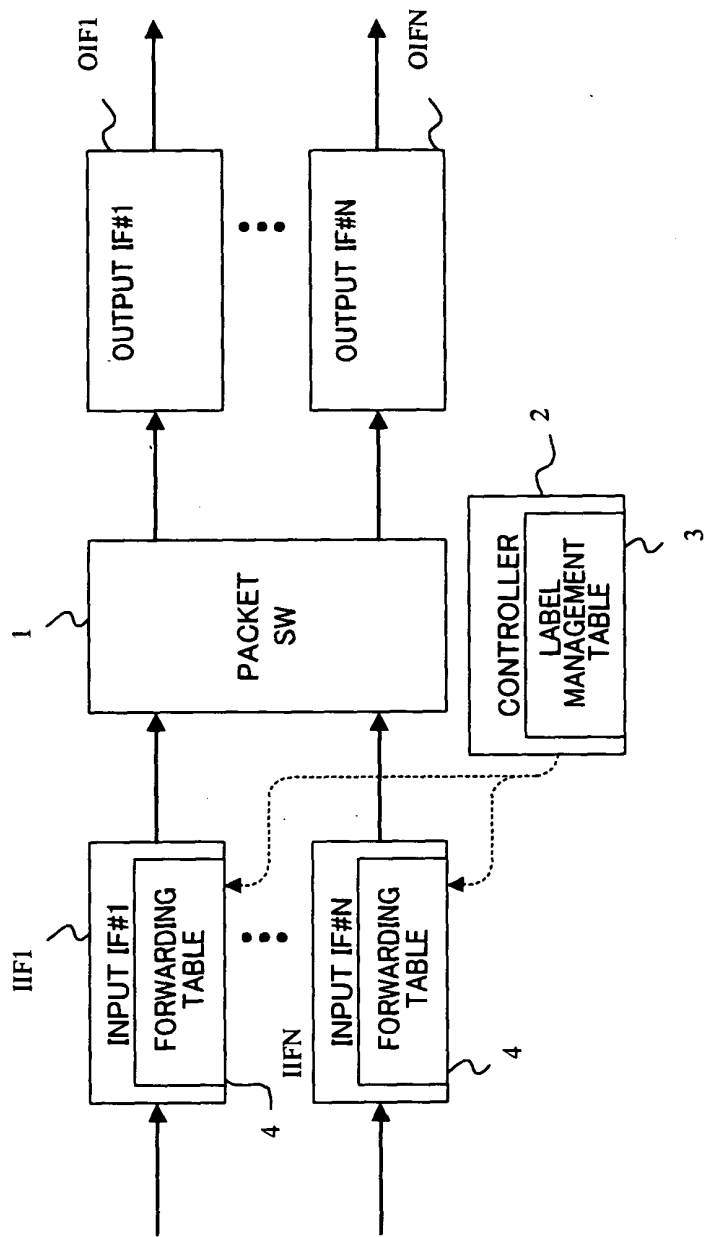


FIG. 10A

INPUT PORT LABEL	RESERVE	IDENTIFIER	OUTPUT PORT	OUTPUT LABEL
#1	5	2	#2	4
#1	7	-	-	-
#2	7	1	#1	5
#2	7	1	#3	4

FIG. 10B

INPUT LABEL	RESERVE	IDENTIFIER	OUTPUT PORT	OUTPUT LABEL
5	O	2	#2	4
4	x	-	-	-
7	⊙	1	#1	5
7	⊙	1	#3	4

FIG. 11A

LSR1 MANAGEMENT TABLE

INPUT INFORMATION OF LSR1 TO LSR5	IDENTIFIER	OUTPUT PORT LABEL
1	1	L21
:	:	:
:	:	:

FIG. 11B

LSR2 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	IDENTIFIER	OUTPUT PORT LABEL
2	L21	O	1
:	:	:	:
:	:	:	:

FIG. 11C

LSR3 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	IDENTIFIER	OUTPUT PORT LABEL
2	L31	O	1
:	:	:	:
:	:	:	:

FIG. 11D

LSR4 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	IDENTIFIER	OUTPUT PORT LABEL
2	L41	O	1
:	:	:	:
:	:	:	:

FIG. 11E

LSR5 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	IDENTIFIER	NOTE
2	L51	O	1
:	:	:	TO UPPER LAYER AFTER DELETING LABEL
:	:	:	:

FIG. 12A

LSR1 MANAGEMENT TABLE

INPUT INFORMATION	IDENTIFIER	OUTPUT PORT	OUTPUT LABEL
INFORMATION OF LSR1 TO LSR5	1	1	L21
	1	1	-
:	:	:	:
:	:	:	:

FIG. 12B

LSR2 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	IDENTIFIER	OUTPUT PORT	OUTPUT LABEL
2	L21	O	1	L31
:	:	:	3	-
:	:	:	:	:
:	:	:	:	:

FIG. 12C

LSR3 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	IDENTIFIER	OUTPUT PORT	OUTPUT LABEL
2	L31	O	1	L41
:	:	:	:	:
:	:	:	:	:



LSR4 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	IDENTIFIER	OUTPUT PORT	OUTPUT LABEL
2	L41	O	1	L51
3	L42	O	1	-
:	:	:	:	:
:	:	:	:	:

LSR5 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	IDENTIFIER	NOTE
2	L51	⊙	1
:	:	:	TO UPPER LAYER AFTER DELETING LABEL
:	:	:	:



FIG. 12D

FIG. 12E

FIG. 13A

LSR1 MANAGEMENT TABLE

INPUT INFORMATION	IDENTIFIER	OUTPUT PORT LABEL
	1	1 L21
INFORMATION OF LSR1 TO LSR5	1	1 L21
.	.	.
.	.	.

FIG. 13B

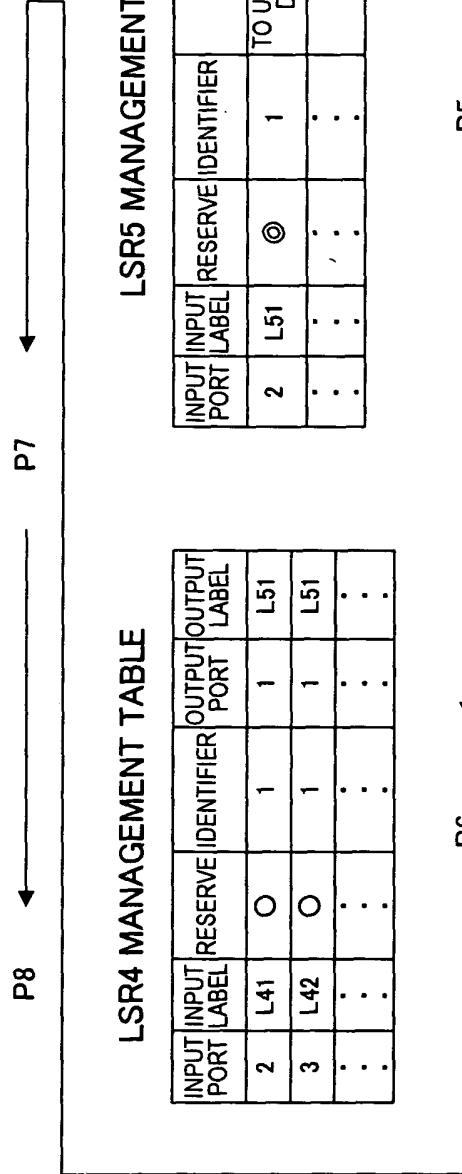
LSR2 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	IDENTIFIER	OUTPUT PORT	OUTPUT LABEL
2 L21	⊙	1	1	L31
.	.	.	3	L42
.
.

FIG. 13C

LSR3 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	IDENTIFIER	OUTPUT PORT	OUTPUT LABEL
2 L31	○	1	1	L41
.
.



LSR4 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	IDENTIFIER	OUTPUT PORT	OUTPUT LABEL
2 L41	○	1	1	L51
3 L42	○	1	1	L51
.
.

LSR5 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	IDENTIFIER	NOTE
2 L51	⊙	1	TO UPPER LAYER AFTER DELETING LABEL
.	.	.	.
.	.	.	.

FIG. 13D

FIG. 13E

FIG. 14A

LSR1 MANAGEMENT TABLE

INPUT INFORMATION	IDENTIFIER	OUTPUT PORT LABEL
	-	-
INFORMATION OF LSR1 TO LSR5	1	1 L21
:	:	:
:	:	:

FIG. 14B

LSR2 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	IDENTIFIER	OUTPUT PORT LABEL
2 L21	O	1	3 L42
:	:	:	:
:	:	:	:

FIG. 14C

LSR3 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	IDENTIFIER	OUTPUT PORT LABEL
2 L31	x	-	-
:	:	:	:
:	:	:	:

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LSR4 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	IDENTIFIER	OUTPUT PORT LABEL
2 L41	x	-	-
3 L42	O	1	1 L51
:	:	:	:
:	:	:	:

LSR5 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	IDENTIFIER	NOTE
2 L51	O	1	TO UPPER LAYER AFTER DELETING LABEL
:	:	:	:
:	:	:	:

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FIG. 14D

FIG. 14E

FIG. 15A

FIG. 15B

FIG. 15C

LSR1 MANAGEMENT TABLE

INPUT INFORMATION	IDENTIFIER	OUTPUT PORT	OUTPUT LABEL
INFORMATION OF LSR1 TO LSR5	1	1	L21
⋮	⋮	⋮	⋮

LSR2 MANAGEMENT TABLE

INPUT PORT LABEL	INPUT LABEL	RESERVE	RELEASE PRIORITY	IDENTIFIER	OUTPUT PORT	OUTPUT LABEL
2	L21	O	低	1	1	L31
⋮	⋮	⋮	⋮	⋮	⋮	⋮

LSR3 MANAGEMENT TABLE

INPUT PORT LABEL	INPUT LABEL	RESERVE	RELEASE PRIORITY	IDENTIFIER	OUTPUT PORT	OUTPUT LABEL
2	L31	O	低	1	1	L41
⋮	⋮	⋮	⋮	⋮	⋮	⋮

FIG. 15D

LSR4 MANAGEMENT TABLE

INPUT PORT LABEL	INPUT LABEL	RESERVE	RELEASE PRIORITY	IDENTIFIER	OUTPUT PORT	OUTPUT LABEL
2	L41	O	低	1	1	L51
⋮	⋮	⋮	⋮	⋮	⋮	⋮

FIG. 15E

LSR5 MANAGEMENT TABLE

INPUT PORT LABEL	INPUT LABEL	RESERVE	RELEASE PRIORITY	IDENTIFIER	NOTE
2	L51	O	低	1	TO UPPER LAYER AFTER DELETING LABEL
⋮	⋮	⋮	⋮	⋮	⋮

FIG. 16A

LSR1 MANAGEMENT TABLE

INPUT INFORMATION	IDENTIFIER	OUTPUT PORT	OUTPUT LABEL
INFORMATION OF LSR1 TO LSR5	1	1	L21
	1	1	-
	:	:	:
	:	:	:

FIG. 16B

LSR2 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	RELEASE PRIORITY	IDENTIFIER	OUTPUT PORT	OUTPUT LABEL
2	L21	LOW	1	1	L31
		-		3	-
		:	:	:	:
		:	:	:	:

FIG. 16C

LSR3 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	RELEASE PRIORITY	IDENTIFIER	OUTPUT PORT	OUTPUT LABEL
2	L31	LOW	1	1	L41
	:	:	:	:	:
	:	:	:	:	:

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LSR4 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	RELEASE PRIORITY	IDENTIFIER	OUTPUT PORT	OUTPUT LABEL
2	L41	LOW	1	1	L51
3	L42	-	1	1	-
	:	:	:	:	:
	:	:	:	:	:

LSR5 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	RELEASE PRIORITY	IDENTIFIER	NOTE
2	L51	LOW	1	TO UPPER LAYER AFTER DELETING LABEL
	:	:	:	:
	:	:	:	:

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FIG. 16D

FIG. 16E

FIG. 17A

LSR1 MANAGEMENT TABLE

INPUT INFORMATION	IDENT-IFIER	OUTPUT PORT	OUTPUT LABEL
	1	1	L21
INFORMATION OF LSR1 TO LSR5	1	1	L21
.	.	.	.
.	.	.	.

FIG. 17B

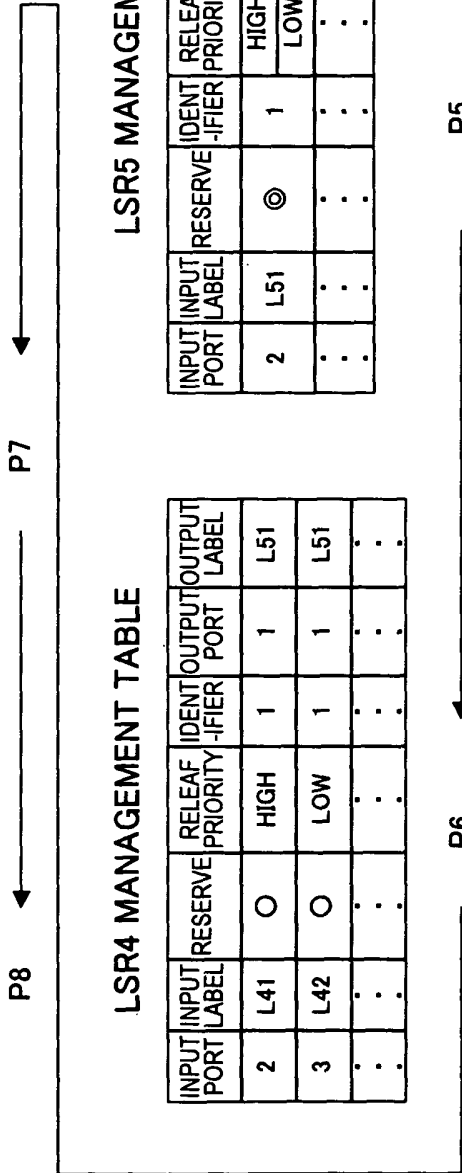
LSR2 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	RELEASE PRIORITY	IDENT-IFIER	OUTPUT PORT	OUTPUT LABEL
2	L21	⊙	HIGH LOW	1	L31 L42
.
.

FIG. 17C

LSR3 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	RELEASE PRIORITY	IDENT-IFIER	OUTPUT PORT	OUTPUT LABEL
2	L31	○	LOW	1	L41
.
.



LSR4 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	RELEASE PRIORITY	IDENT-IFIER	OUTPUT PORT	OUTPUT LABEL
2	L41	○	HIGH	1	L51
3	L42	○	LOW	1	L51
.
.

LSR5 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	IDENT-IFIER	RELEASE PRIORITY	NOTE
2	L51	⊙	HIGH LOW	TO UPPER LAYER AFTER DELETING LABEL
.
.

FIG. 17D

FIG. 17E

FIG. 18A

LSR1 MANAGEMENT TABLE

INPUT INFORMATION	IDENT -IFIER	OUTPUT PORT	OUTPUT LABEL
	-	-	-
INFORMATION OF LSR1 TO LSR5	1	1	L21
:	:	:	:
:	:	:	:

FIG. 18B

LSR2 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	RELEASE PRIORITY	IDENT -IFIER	OUTPUT PORT	OUTPUT LABEL
2	L21	O	LOW	1	3
:	:	:	:	:	:
:	:	:	:	:	:
:	:	:	:	:	:

FIG. 18C

LSR3 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	RELEASE PRIORITY	IDENT -IFIER	OUTPUT PORT	OUTPUT LABEL
2	L31	x	-	-	-
:	:	:	:	:	:
:	:	:	:	:	:
:	:	:	:	:	:

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LSR4 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	RELEASE PRIORITY	IDENT -IFIER	OUTPUT PORT	OUTPUT LABEL
2	L41	x	-	-	-
3	L42	O	LOW	1	L51
:	:	:	:	:	:
:	:	:	:	:	:

LSR5 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	RELEASE PRIORITY	IDENT -IFIER	NOTE
2	L51	O	LOW	1
:	:	:	:	TO UPPER LAYER AFTER DELETING LABEL
:	:	:	:	:
:	:	:	:	:

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FIG. 18D

FIG. 18E

FIG. 19

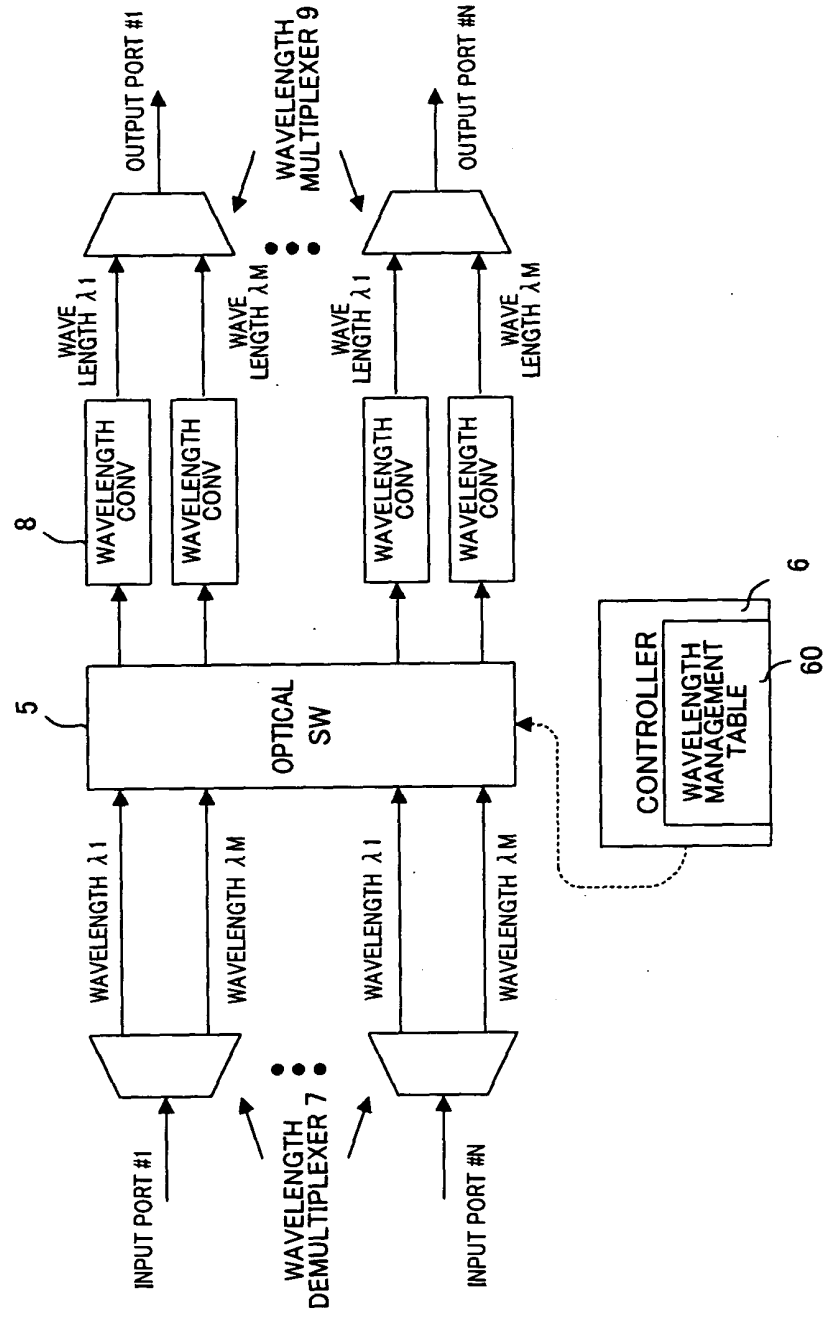


FIG. 20

INPUT PORT	INPUT WAVE LENGTH	RESERVE	IDENTI- FIER	OUTPUT PORT	OUTPUT WAVE LENGTH
#1	$\lambda 5$	O	2	#2	$\lambda 4$
#1	$\lambda 7$	x	-	-	-
#2	$\lambda 7$	⊙	1	#1	$\lambda 5$
#2	$\lambda 7$	⊙	1	#3	$\lambda 4$

FIG. 21

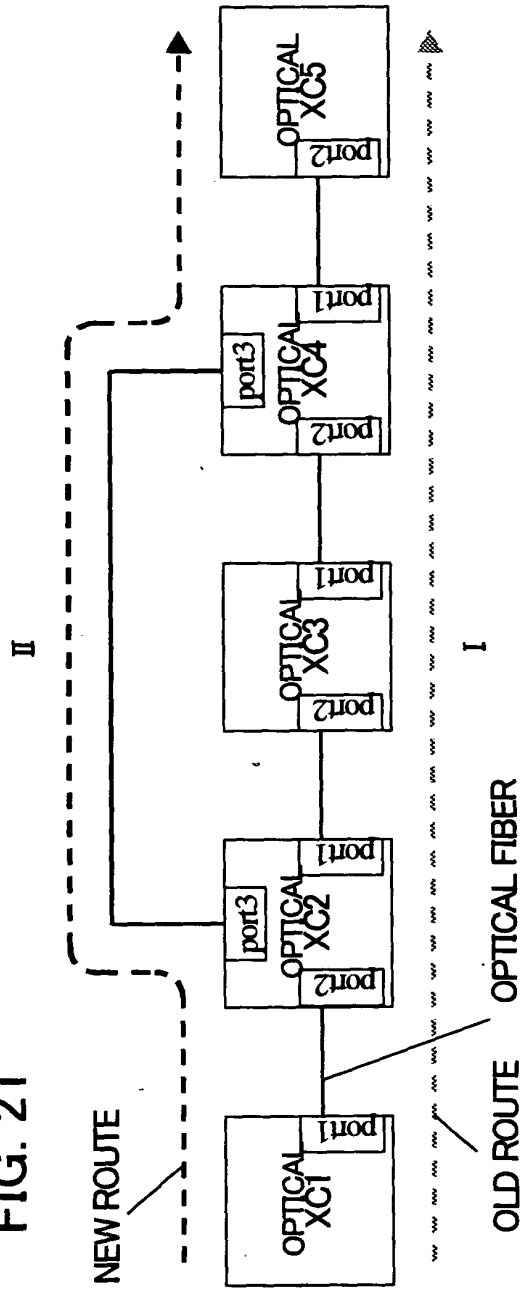


FIG. 22A

OPTICAL XC1 MANAGEMENT TABLE

INPUT INFORMATION	IDENTIFIER	OUTPUT PORT	OUTPUT WAVELENGTH
INFORMATION OF OPTICAL XC1 TO OPTICAL XC5	1	1	$\lambda 21$
...

FIG. 22B

OPTICAL XC2 MANAGEMENT TABLE

INPUT PORT	INPUT WAVELENGTH	RESERVE	IDENTIFIER	OUTPUT PORT	OUTPUT WAVELENGTH
2	$\lambda 21$	O	1	1	$\lambda 31$
...

FIG. 22C

OPTICAL XC3 MANAGEMENT TABLE

INPUT PORT	INPUT WAVELENGTH	RESERVE	IDENTIFIER	OUTPUT PORT	OUTPUT WAVELENGTH
2	$\lambda 31$	O	1	1	$\lambda 41$
...

FIG. 22D

OPTICAL XC4 MANAGEMENT TABLE

INPUT PORT	INPUT WAVELENGTH	RESERVE	IDENTIFIER	OUTPUT PORT	OUTPUT WAVELENGTH
2	$\lambda 41$	O	1	1	$\lambda 51$
...

FIG. 22E

OPTICALXC5 MANAGEMENT TABLE

INPUT PORT	INPUT WAVELENGTH	RESERVE	IDENTIFIER	NOTE
2	$\lambda 51$	O	1	TO UPPER LAYER
...

FIG. 23A

OPTICAL XC1 MANAGEMENT TABLE

INPUT INFORMATION	IDENTIFIER	OUTPUT PORT	OUTPUT WAVELENGTH
INFORMATION OF OPTICAL XC1	1	1	$\lambda 21$
INFORMATION OF OPTICAL XC3	1	1	-
...
...

FIG. 23B

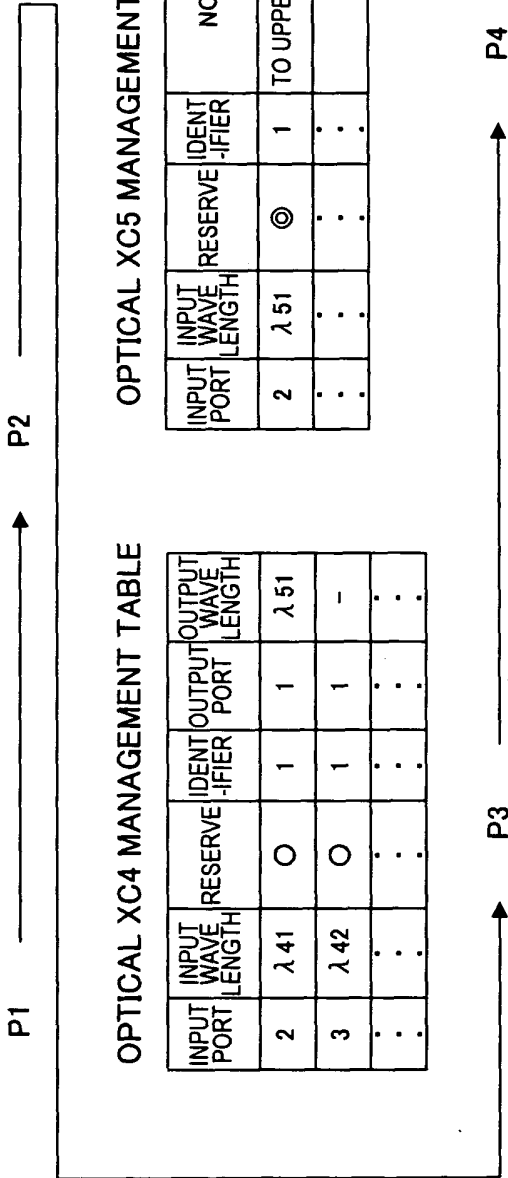
OPTICAL XC2 MANAGEMENT TABLE

INPUT PORT	INPUT WAVELENGTH	RESERVE	IDENTIFIER	OUTPUT PORT	OUTPUT WAVELENGTH
2	$\lambda 21$	⊙	1	1	$\lambda 31$
...	3	-
...
...

FIG. 23C

OPTICAL XC3 MANAGEMENT TABLE

INPUT PORT	INPUT WAVELENGTH	RESERVE	IDENTIFIER	OUTPUT PORT	OUTPUT WAVELENGTH
2	$\lambda 31$	○	1	1	$\lambda 41$
...
...



OPTICAL XC4 MANAGEMENT TABLE

INPUT PORT	INPUT WAVELENGTH	RESERVE	IDENTIFIER	OUTPUT PORT	OUTPUT WAVELENGTH
2	$\lambda 41$	○	1	1	$\lambda 51$
3	$\lambda 42$	○	1	1	-
...
...

OPTICAL XC5 MANAGEMENT TABLE

INPUT PORT	INPUT WAVELENGTH	RESERVE	IDENTIFIER	NOTE
2	$\lambda 51$	⊙	1	TO UPPER LAYER
...
...

FIG. 23D

FIG. 23E

FIG. 24A

OPTICAL XC1 MANAGEMENT TABLE

INPUT INFORMATION	IDENT-IFIER	OUTPUT PORT	OUTPUT WAVE LENGTH
	1	1	$\lambda 21$
INFORMATION OF OPTICAL XC1 TO OPTICAL XC5	1	1	$\lambda 21$
:	:	:	:
:	:	:	:

FIG. 24B

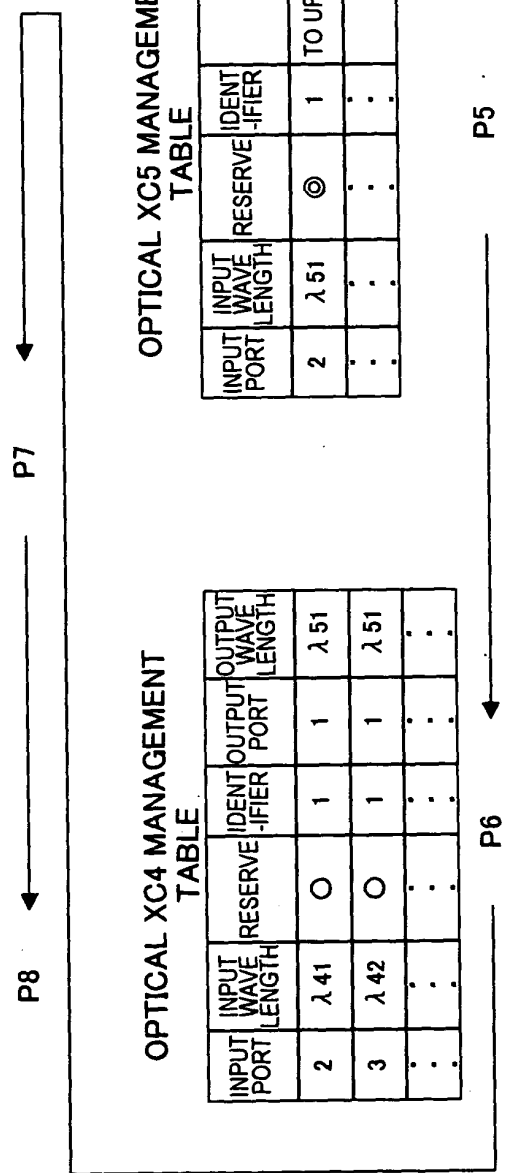
OPTICAL XC2 MANAGEMENT TABLE

INPUT PORT	INPUT WAVE LENGTH	RESERVE	IDENT-IFIER	OUTPUT PORT	OUTPUT WAVE LENGTH
2	$\lambda 21$	⊙	1	1	$\lambda 31$
:	:	:	:	1	$\lambda 42$
:	:	:	:	:	:

FIG. 24C

OPTICAL XC3 MANAGEMENT TABLE

INPUT PORT	INPUT WAVE LENGTH	RESERVE	IDENT-IFIER	OUTPUT PORT	OUTPUT WAVE LENGTH
2	$\lambda 31$	○	1	1	$\lambda 41$
:	:	:	:	:	:
:	:	:	:	:	:



OPTICAL XC4 MANAGEMENT TABLE

INPUT PORT	INPUT WAVE LENGTH	RESERVE	IDENT-IFIER	OUTPUT PORT	OUTPUT WAVE LENGTH
2	$\lambda 41$	○	1	1	$\lambda 51$
3	$\lambda 42$	○	1	1	$\lambda 51$
:	:	:	:	:	:
:	:	:	:	:	:

OPTICAL XC5 MANAGEMENT TABLE

INPUT PORT	INPUT WAVE LENGTH	RESERVE	IDENT-IFIER	NOTE
2	$\lambda 51$	⊙	1	TO UPPER LAYER
:	:	:	:	:
:	:	:	:	:

FIG. 24D

FIG. 24E

FIG. 25A

OPTICAL XC1 MANAGEMENT
TABLE

INPUT INFORMATION	IDENT -IFIER	OUTPUT PORT	OUTPUT WAVE- LENGTH
	-	-	-
INFORMATION OF OPTICAL XC1 TO OPTICAL XC3	1	1	$\lambda 21$
⋮	⋮	⋮	⋮

FIG. 25B

OPTICAL XC2 MANAGEMENT
TABLE

INPUT PORT	INPUT WAVE- LENGTH	RESERVE	IDENT -IFIER	OUTPUT PORT	OUTPUT WAVE- LENGTH
2	$\lambda 21$	O	1	3	$\lambda 42$
⋮	⋮	⋮	⋮	⋮	⋮

FIG. 25C

OPTICAL XC3 MANAGEMENT
TABLE

INPUT PORT	INPUT WAVE- LENGTH	RESERVE	IDENT -IFIER	OUTPUT PORT	OUTPUT WAVE- LENGTH
2	$\lambda 31$	x	-	-	-
⋮	⋮	⋮	⋮	⋮	⋮

P9

P10

P11

OPTICAL XC4 MANAGEMENT
TABLE

INPUT PORT	INPUT WAVE- LENGTH	RESERVE	IDENT -IFIER	OUTPUT PORT	OUTPUT WAVE- LENGTH
2	$\lambda 41$	x	-	-	-
3	$\lambda 42$	O	1	1	$\lambda 51$
⋮	⋮	⋮	⋮	⋮	⋮

OPTICAL XC5 MANAGEMENT
TABLE

INPUT PORT	INPUT WAVE- LENGTH	RESERVE	IDENT -IFIER	NOTE
2	$\lambda 51$	O	1	TO UPPER LAYER
⋮	⋮	⋮	⋮	⋮

P12

P13

FIG. 25D

FIG. 25E

FIG. 26A

OPTICAL XC1 MANAGEMENT
TABLE

INPUT INFORMATION	IDENT -IFIER	OUTPUT PORT	OUTPUT WAVE LENGTH
INFORMATION OF OPTICAL XC1 TO OPTICAL XC5	1	1	$\lambda 21$
.	.	.	.
.	.	.	.

FIG. 26B

OPTICAL XC2 MANAGEMENT
TABLE

INPUT WAVE LENGTH	RESERVE	RELEASE PRIORITY	IDENT -IFIER	OUTPUT PORT	OUTPUT WAVE LENGTH
2 $\lambda 21$	O	LOW	1	1	$\lambda 31$
.
.

FIG. 26C

OPTICAL XC3 MANAGEMENT
TABLE

INPUT PORT	INPUT WAVE LENGTH	RESERVE	RELEASE PRIORITY	IDENT -IFIER	OUTPUT PORT	OUTPUT WAVE LENGTH
2	$\lambda 31$	O	LOW	1	1	$\lambda 41$
.
.

FIG. 26D

OPTICAL XC4 MANAGEMENT
TABLE

INPUT PORT	INPUT WAVE LENGTH	RESERVE	RELEASE PRIORITY	IDENT -IFIER	OUTPUT PORT	OUTPUT WAVE LENGTH
2	$\lambda 41$	O	LOW	1	1	$\lambda 51$
.
.

FIG. 26E

OPTICAL XC5 MANAGEMENT
TABLE

INPUT PORT	INPUT WAVE LENGTH	RESERVE	RELEASE PRIORITY	IDENT -IFIER	NOTE
2	$\lambda 51$	O	LOW	1	TO UPPER LAYER
.
.

FIG. 27A

OPTICAL XC1 MANAGEMENT
TABLE

INPUT INFORMATION	IDENT -IFIER	OUTPUT PORT	OUTPUT WAVE LENGTH
INFORMATION OF OPTICAL XC1 TO OPTICAL XC5	1	1	λ 21
	1	1	-
:	:	:	:
:	:	:	:

FIG. 27B

OPTICAL XC2 MANAGEMENT
TABLE

INPUT PORT	INPUT WAVE LENGTH	RESERVE	RELEASE PRIORITY	IDENT -IFIER	OUTPUT PORT	OUTPUT WAVE LENGTH
2	λ 21	⊙	LOW	1	1	λ 31
:	:	:	-	:	1	-
:	:	:	:	:	:	:
:	:	:	:	:	:	:

FIG. 27C

OPTICAL XC3 MANAGEMENT
TABLE

INPUT PORT	INPUT WAVE LENGTH	RESERVE	RELEASE PRIORITY	IDENT -IFIER	OUTPUT PORT	OUTPUT WAVE LENGTH
2	λ 31	O	LOW	1	1	λ 41
:	:	:	:	:	:	:
:	:	:	:	:	:	:

P1



P2

OPTICAL XC4 MANAGEMENT
TABLE

INPUT PORT	INPUT WAVE LENGTH	RESERVE	RELEASE PRIORITY	IDENT -IFIER	OUTPUT PORT	OUTPUT WAVE LENGTH
2	λ 41	O	LOW	1	1	λ 51
3	λ 42	O	-	1	1	-
:	:	:	:	:	:	:
:	:	:	:	:	:	:

P3



P4

OPTICAL XC5 MANAGEMENT
TABLE

INPUT PORT	INPUT WAVE LENGTH	RESERVE	RELEASE PRIORITY	IDENT -IFIER	NOTE
2	λ 51	⊙	LOW	1	TO UPPER LAYER
:	:	:	:	:	:
:	:	:	:	:	:

FIG. 27D

FIG. 27E

FIG. 28A

OPTICAL XC1 MANAGEMENT
TABLE

INPUT INFORMATION	IDENT -IFIER	OUTPUT PORT	OUTPUT WAVE LENGTH
	1	1	$\lambda 21$
INFORMATION OF OPTICAL XC1 TO OPTICAL XC5	1	1	$\lambda 21$
·	·	·	·
·	·	·	·

FIG. 28B

OPTICAL XC2 MANAGEMENT
TABLE

INPUT PORT	INPUT WAVE LENGTH	RESERVE	RELEASE PRIORITY	IDENT -IFIER	OUTPUT PORT	OUTPUT WAVE LENGTH
2	$\lambda 21$	⊙	HIGH	1	1	$\lambda 31$
·	·	·	LOW	·	1	$\lambda 42$
·	·	·	·	·	·	·
·	·	·	·	·	·	·

FIG. 28C

OPTICAL XC3 MANAGEMENT
TABLE

INPUT PORT	INPUT WAVE LENGTH	RESERVE	RELEASE PRIORITY	IDENT -IFIER	OUTPUT PORT	OUTPUT WAVE LENGTH
2	$\lambda 31$	○	LOW	1	1	$\lambda 41$
·	·	·	·	·	·	·
·	·	·	·	·	·	·

P8 ←

P7

←

OPTICAL XC4 MANAGEMENT
TABLE

INPUT PORT	INPUT WAVE LENGTH	RESERVE	RELEASE PRIORITY	IDENT -IFIER	OUTPUT PORT	OUTPUT WAVE LENGTH
2	$\lambda 41$	○	HIGH	1	1	$\lambda 51$
3	$\lambda 42$	○	LOW	1	1	$\lambda 51$
·	·	·	·	·	·	·
·	·	·	·	·	·	·

OPTICAL XC5 MANAGEMENT
TABLE

INPUT PORT	INPUT WAVE LENGTH	RESERVE	IDENT -IFIER	RELEASE PRIORITY	NOTE
2	$\lambda 51$	⊙	1	HIGH	TO UPPER LAYER
·	·	·	·	LOW	·
·	·	·	·	·	·

P6 ←

P5

←

FIG. 28D

FIG. 28E

FIG. 29A

OPTICAL XC1 MANAGEMENT TABLE		
INPUT INFORMATION	IDENT -IFIER	OUTPUT WAVE LENGTH
	-	-
INFORMATION OF OPTICAL XC1 TO OPTICAL XC5	1	$\lambda 21$
:	:	:
:	:	:

FIG. 29B

OPTICAL XC2 MANAGEMENT TABLE				
INPUT WAVE LENGTH	RESERVE	RELEASE PRIORITY	IDENT -IFIER	OUTPUT WAVE LENGTH
2 $\lambda 21$	O	LOW	1	3 $\lambda 42$
:	:	:	:	:
:	:	:	:	:

FIG. 29C

OPTICAL XC3 MANAGEMENT TABLE					
INPUT PORT	INPUT WAVE LENGTH	RESERVE	RELEASE PRIORITY	IDENT -IFIER	OUTPUT WAVE LENGTH
2	$\lambda 31$	x	-	-	-
:	:	:	:	:	:
:	:	:	:	:	:

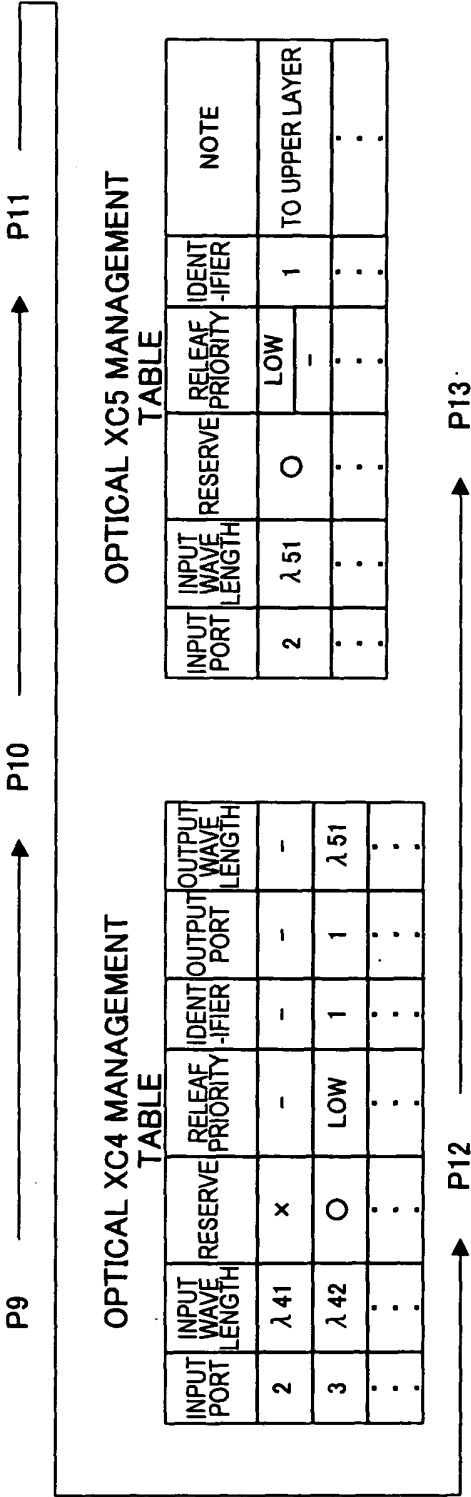


FIG. 29D

OPTICAL XC4 MANAGEMENT TABLE				
INPUT WAVE LENGTH	RESERVE	RELEASE PRIORITY	IDENT -IFIER	OUTPUT WAVE LENGTH
2 $\lambda 41$	x	-	-	-
3 $\lambda 42$	O	LOW	1	1 $\lambda 51$
:	:	:	:	:
:	:	:	:	:

FIG. 29E

OPTICAL XC5 MANAGEMENT TABLE				
INPUT PORT	INPUT WAVE LENGTH	RESERVE	RELEASE PRIORITY	IDENT -IFIER
2	$\lambda 51$	O	LOW	1
:	:	:	:	:
:	:	:	:	:

TO UPPER LAYER